



# **Digital Photo Frame DPF1040**

## **USER MANUAL**

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785-UM104V01 Rev. 1**

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# 1. Introduction

Congratulations on your purchase of the world class 10.4 inch multimedia digital photo display! This unique device provides you with an unforgettable experience that will allow you to enjoy viewing a series of your favorite photos, as well as to listen to mp3 music at the same time.

Wellex's Digital Photo Frame 1040 is a special 10.4" display with an audio output function. The DPF1040 offers the following features: guaranteed display quality, enormous photos and music storage capacity, single photo scrolling, automatic slideshow and photo rotation, and elegantly designed to support all the connections, plus the ability to play MP3s. While listening your favorite tunes you can enjoy viewing your most memorable digital photo albums. You can easily relive your memories from the family trip to San Diego, the sweet honeymoon in Maui, that fun high school reunion in a four star rated French restaurant.

The DPF1040's elegant design is suited for offices, living rooms, bedrooms, or elsewhere you would like to display your favorite photos! You can either put it on the desktop or hang it up on the wall. You can either enjoy viewing the photos yourself, or share them with your guests. You will be definitely impressed with the brand new lively animated digital photo collections!

## 2. Packaging

The complete product package includes:

- One Photo frame display: assembled product with LCD panel and enclosure.
- One Power adapter
  - Six feet long, AC to DC power adapter.
  - Input: 100-240VAC, 50/60Hz, 0.5A.
  - Output: 12VDC, 1.25A Max.
- One USB cable: 5 feet long cord.
- One User's Manual
- Warranty and registration card

Note:

- A set of speakers built into the DPF1040.
- This product DOES come with an Audio Out, either for use with headphones or external speakers. There are NO headphones or external speakers provided with this package.

## 3. Product Overview

### 3.1 Product Figures

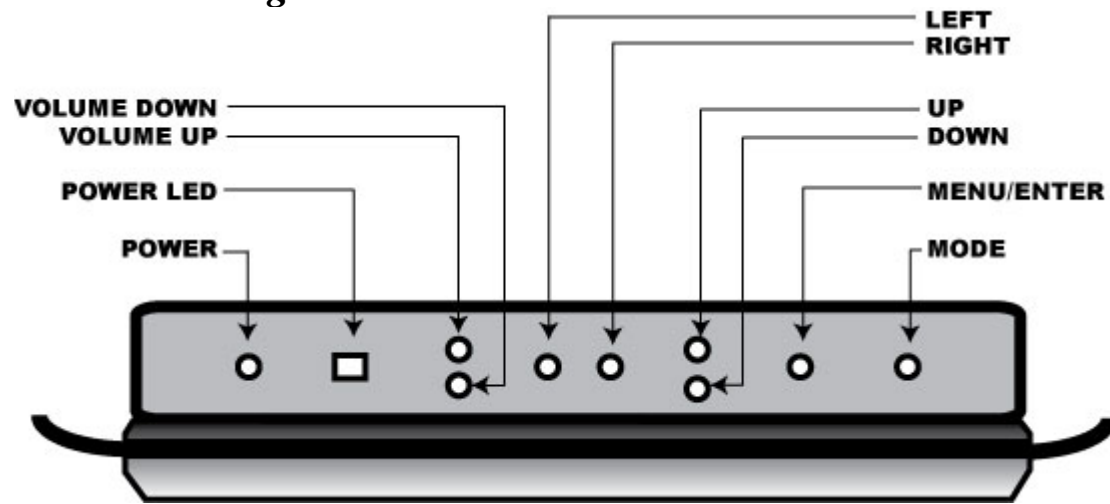


Figure 1: Control Panel (Top side)

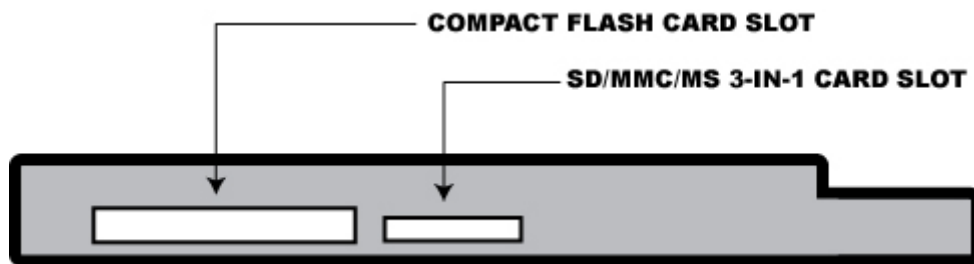


Figure 2: Right side Panel

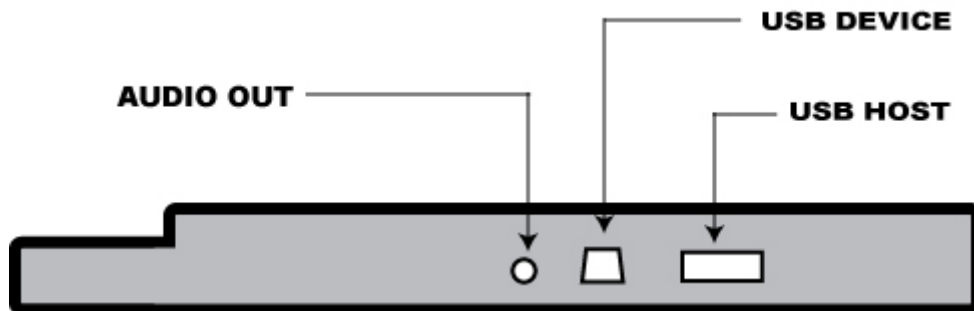


Figure 3: Left side panel

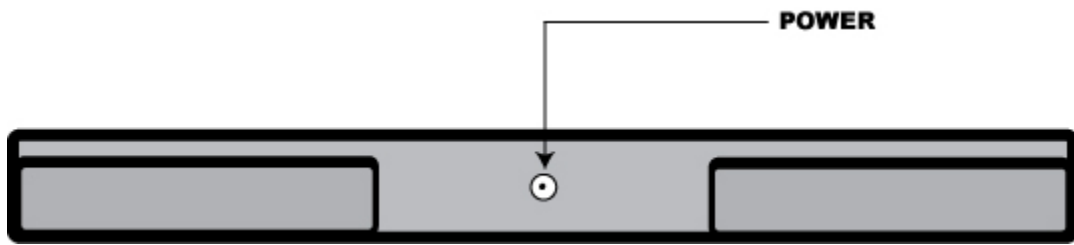


Figure 4: Bottom side panel

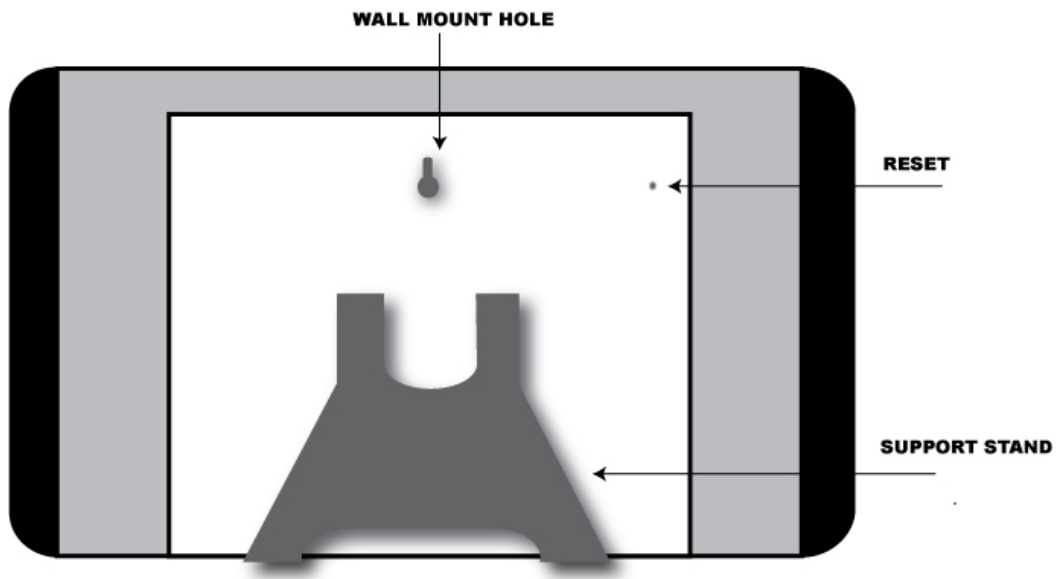


Figure 5: Back side panel

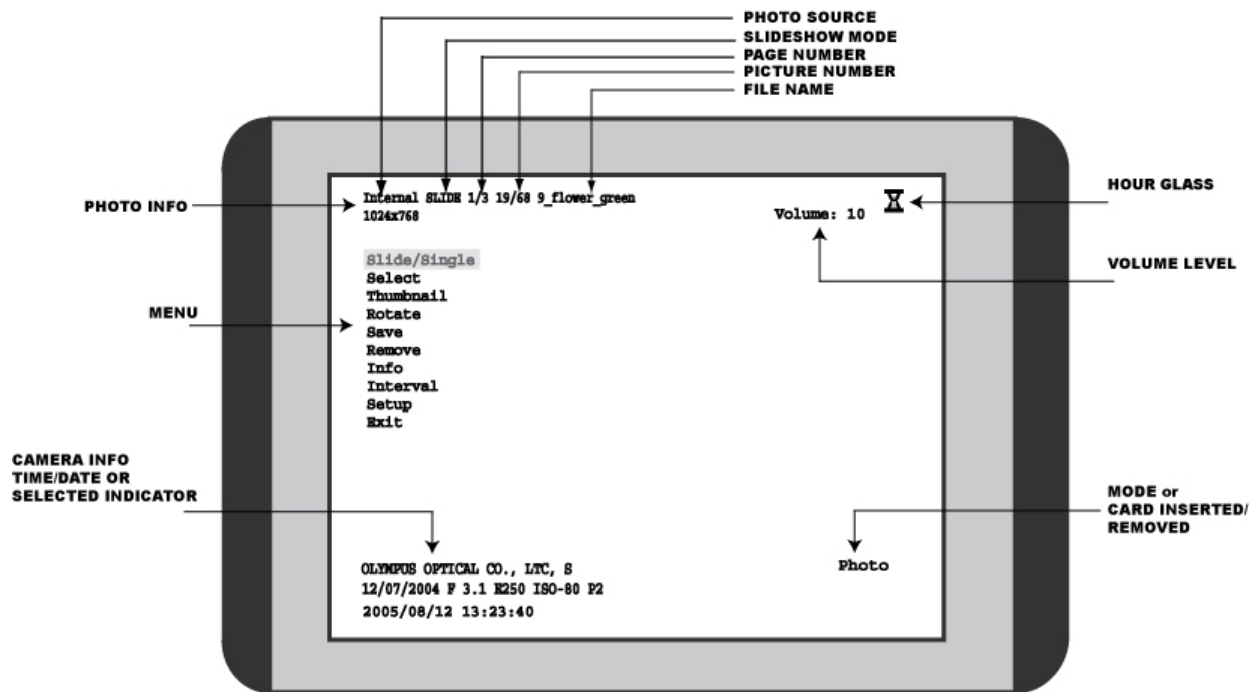


Figure 6: All function displayed on the device (Photo mode)

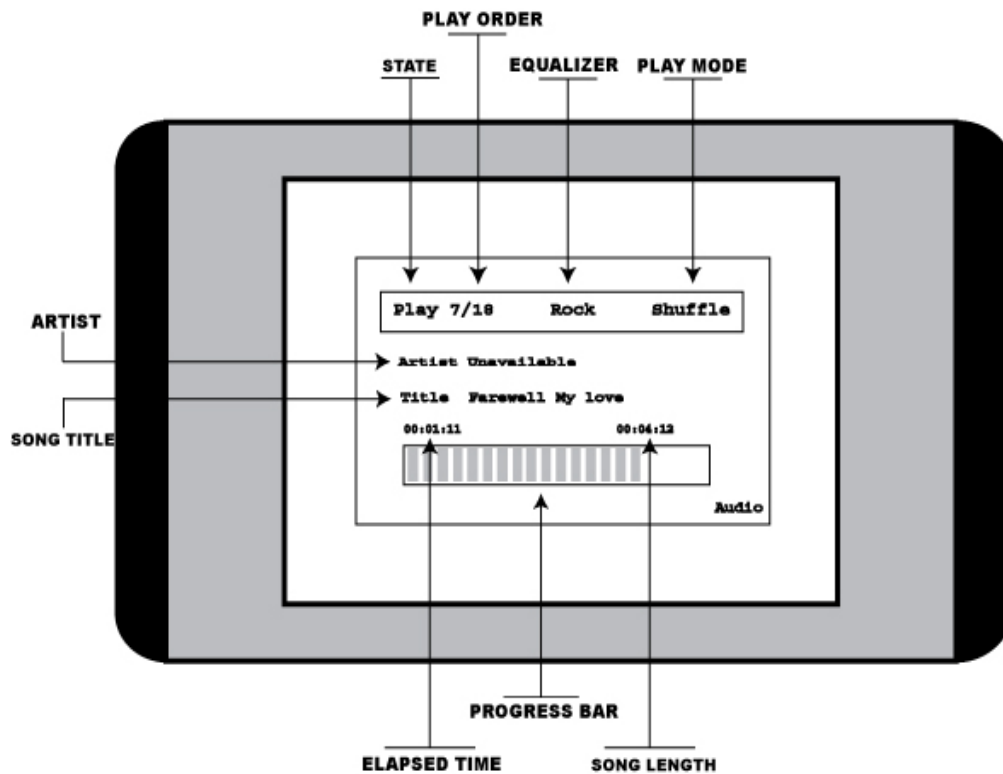


Figure 7: All function displayed on the device (Audio mode)

## 3.2 Control Panel Overview



**Power:** press the button for a few seconds to turn on and press the button for two seconds. To turn off the power.

**Power LED:** the LED light turns green when the power turns on. The LED light is off when the power is off.



**Volume Up:** Press to increase the volume (Volume level increases from 0 to 20).

**Volume Down:** Press to decrease the volume.



**Left:** Press to scroll left.



**Right:** Press to scroll right.



**Up:** Press to scroll up.

**Down:** Press to scroll down.



**Menu/Enter:** Press to display the menu in the Photo or Audio mode, or to confirm the selection.



**Mode:** Press to switch the device between the photo-display mode and the audio-play mode.

**Compact Flash Card Slot:** Insert your Compact Flash (CF) type I or II memory card here.

**SD/MMC/MS 3-in-1 Card Slot:** Insert your Secure Digital (SD), Multimedia Card (MMC), or Memory Stick (MS)/ Memory Stick PRO memory card here.

**Audio Out:** Plug your headphones or external speakers into this standard audio output port.

**USB Device:** Plug the USB cable (included) with mini type-B connector end to this port for connecting to your PC if the DPF1040 is used as a memory card reader/writer.

**USB Host:** Plug in your USB device. USD devices could be USB flash drives, digital cameras, memory card reader/writers, and mp3 players such as iPod, etc ...

Note: 1. Some types and brands of USB devices, USB flash drives, digital cameras, memory card readers/writers, and MP3 players may not be compatible with the DPF1040.

2. The DPF1040 is not compatible with any USB hard drives since the supplied power is not sufficient for the USB hard drive use.



## 4. Operation

### 4.1 Getting Start

1. Please read through all the safety tips in the Safety chapter before you start.
2. Connect the DPF1040 to the power adapter (the power port is located on the bottom side of the panel, *figure 4*), then connect the power adapter to a power outlet.

### 4.2 Power ON/OFF

#### Power ON

1. Press **Power** button for more than one second during the device is off. The device's main power is being turned on and LED indicator lights on in green color.
2. Please wait a few seconds for the system to be brought up.

#### Power OFF

1. Press **Power** button for more than **one** second during the device is on. The device's main power is being turned off and LED indicator lights off.
2. Please wait for a short time for the device to be completely powered off.

## 4.3 Loading Media Contents

You can load media contents (JPEG, PNG, bitmap files and MP3 files) through the following three slots (*Figure 2* and *Figure 3*):

- **Compact Flash Card Slot** --- supports Compact Flash (CF) Card type I and II
- **SD/MMC/MS 3-in-1 Card Slot** --- supports Secure Digital (SD) card, Multimedia card (MMC), Memory Stick (MS) / Memory Stick Pro card.
- **USB Host Port** --- supports USB Flash (Jump) Drive, Digital Camera through a USB cable, or regular memory card reader/writer through a USB cable.

**Note:** CF, SD, MMC, MS/MS PRO, Smartmedia, Microdrive, and XD memory cards can be supported through the right memory card reader/writer.

### Using Compact Flash Card Slot

1. Insert your CF card into the **Compact Flash Card Slot** when you want to play or save your photos or music from the CF card. You will see a message “CF inserted” shown on the bottom-right corner of the LCD screen.
2. Remove your CF card from the **Compact Flash Card Slot** when you finish using the CF card. You will see a message “CF removed” shown on the bottom-right corner of the LCD screen.

### Using SD/MMC/MS 3-in-1 Card Slot

1. Insert your SD, MMC, MS, or MS PRO card into the **SD/MMC/MS 3-in-1 Card Slot** when you want to play or save your photos or music from the SD, MMC, MS, or MS PRO card. You will see a message “SD (MMC, or MS) inserted” shown on the bottom-right corner of the LCD screen.
2. Remove your SD, MMC, MS, or MS PRO card from the **SD/MMC/MS 3-in-1 Card Slot** when you finish. You will see a message “SD (MMC, or MS) removed” shown on the bottom-right corner of the LCD screen.

### Using USB Host Port

#### Connecting USB Flash (Jump) Drive

1. Insert your USB Flash (Jump) Drive into the **USB Host Port** (*Figure 3*) when you want to play or save your photos or music from the USB Flash (Jump) Drive. You will see a message “USB0 inserted” shown on the bottom-right corner of the LCD screen.
2. Remove your USB Flash (Jump) Drive from the **USB Host Port** when you finish. You will see a message “USB0 removed” shown on the bottom-right corner of the LCD screen.

Or

#### Connecting to Digital Camera

1. Follow the user’s instruction of your digital camera, which guides you to connect (and disconnect) your camera to the computer (the DPF1040 here acts as a computer) through the USB cable.
2. Connect this USB cable to your digital camera when you want to play or save your photos from your digital camera.

3. Connect the type A connector of the USB cable to the **USB Host Port** of the DPF1040.
4. Power on your digital camera and choose the right setting. (Note: Please follow the guidance of your digital camera). You will see a message “USB0 inserted” shown on the bottom-right corner of the LCD screen.
5. Disconnect the type A connector of USB cable from the **USB Host Port** of your DPF1040 if you wish to remove the connection from the digital camera. You will see a message “USB0 removed” shown on the bottom-right corner of the LCD screen.

Or

#### **Connecting to Memory Card Reader/Writer**

1. Connect the USB cable to your card reader/writer when you want to play or save your photos or music from your card reader/writer.
2. Plug the type A connector of the USB cable to the **USB Host Port** of the DPF1040. You will see a message “USB\* inserted” shown on the bottom-right corner of the LCD screen if you have inserted the memory card into your card reader/writer already. (Note: “\*” can be 0, 1, 2, or 3 which represents the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup> memory in your card reader/writer.)
3. You can add any of the memory cards in your card reader/writer if empty slots available.
4. You can remove any of the memory cards from your card reader/writer when you don’t need it any more. You will see a message “USB\* removed” shown on the bottom-right corner of the LCD screen.
5. Disconnect the type A connector of the USB cable from the **USB Host Port** of the DPF1040 if you wish to remove the connection from card reader/writer. You will see a message “USB\* removed” shown on the bottom-right corner of the LCD screen.

Or

#### **Connecting to Apple iPod**

1. Connect USB cable to your Apple iPod when you want to play or save your photos or music from your iPod.
2. Plug in the type A connector of the USB cable to the **USB Host Port** of the DPF1040.
3. Power on your iPod and choose the right setting. ) You will see a message “USB0 inserted” shown on the bottom-right corner of the LCD screen.
4. Disconnect the type A connector of the USB cable from the **USB Host Port** of the DPF1040 if you wish to remove the connection from your iPod. You will see a message “USB0 removed” shown on the bottom-right corner of the LCD screen.

## **4.4 Play Photo**

### **Loading Photos**

1. Provide the source of your photos from your memory cards, digital camera, or USB flash drive. Please refer to the section **Loading Media Contents** in this chapter.

**Note:** Only photos in JPEG, PNG, and Bitmap file formats can be read and displayed.

### **Select Photo Mode**

1. Press **Mode** button once to switch the current mode from the Audio mode to the Photo mode if you are in the audio mode. You will see a message “Photo” shown on the bottom-right corner of the LCD screen.

### Display Main Photo Menu

1. Press **Menu/Enter** button. The Main Photo Menu is shown on the left side of the screen. (figure 3) This menu includes:

- *Slide/Single*
- *Select*
- *Thumbnail*
- *Rotate*
- *Save*
- *Remove*
- *Info*
- *Interval*
- *Effect*
- *Setup*
- *Exit*

2. The default shows the *Slide/Single* is highlighted.
3. Press **Up** or **Down** button to scroll up or down.

### Play Slideshow

1. Scroll highlight to *Slide/Single* in the Main Photo Menu. Press **Menu/Enter** button, the device will play slideshow every time interval of your setting or of default setting.

**Note:** All the photos in the internal flash memory and in any of the memory cards or USB device inserted will be displayed when the device is in the slideshow mode.

### Stop Slideshow (Play Single Photo)

1. Scroll highlight to *Slide/Single* in the Main Photo Menu. Press **Menu/Enter** button, the device will stop playing slideshow and display the current photo at all time.

### Select Photo by File Name

1. Scroll highlight to *Select* in the Main Photo Menu. You will see the sub-menu of *Select*, which shows a list of media sources including *Internal* which represents the internal flash memory, and *CF*, *SD (MMC, or MS)*, *USB0*, *USB1*, *USB2*, or *USB3* if you have inserted your memory cards or USB devices (USB Flash Drive, Digital Camera, and Memory Card Reader/Writer). (Refer to **Loading Media Contents** section)
2. Insert the desired memory card or USB device if the input slot available. You will see the device is added on the list on the screen when the insertion is completed.
3. Press **Right** button to move to the sub-menu.
4. Press **Up** or **Down** button to scroll up and down until the media source on which the intended photo resides is highlighted. You will see another list shows the first tier of files and folders in your media source.
5. Continuously press **Right** button and **Up** or **Down** buttons until the desired photo file is highlighted.
6. Press **Menu/Enter** button to choose this photo file.

**Note:**

1. The photo will become clear in a few seconds after the file being decoded.
2. If the device is set to the slideshow mode, it will continue to change photos to the next one at the interval that has been set.

**Select Photo by Thumbnail**

1. Scroll highlight to *Thumbnail* in the Main Photo Menu.
2. Press **Menu/Enter** button. 25 thumbnail images will be shown in 5 by 5 format. A Blue-frame highlight represents the last photo displayed before you enter the thumbnail state.
3. You can press **Up** or **Down** button to change the page of thumbnail.
4. Until you see the desired photo on the current displayed page, you continuously press **Right** or **Left** button to shift the highlight frame to the desired photo.
5. Press **Menu/Enter** button to choose this photo.

**Note:**

1. Please wait for a few seconds for the device to decode the file, the photo will become clear.
2. The device will be set back to the *single* mode if you enter the thumbnail state and choose a highlighted photo during the slideshow.

**Rotate the displayed photo**

1. Scroll to *Rotate* in the Main Photo Menu.
2. Press **Menu/Enter** button. The current displayed photo rotates 90° clockwise.
3. You can continuously press **Menu/Enter** button until the photo set to your desired orientation.

**Save Photo into Internal Flash Memory**

1. Scroll to *Save* in the Main Photo Menu.
2. Press **Menu/Enter** button. The current displayed photo will be copied into internal flash memory. You will see a block showing the status of copying (in percentage). When the process is done, another block will show “File Copied Completed”. If you try to save a photo already existed in the internal flash memory, a message of “The file already exists” will display.
3. You can continue to save other photos by repeating the steps above until that the internal memory is full.

**Note:** There are about 50 Mbytes free in the internal memory for you to store photos or mp3 music. The number of photos and songs to be stored in the internal memory depends on the file size of each photo or the length of the mp3 music.

**Remove Photo from Internal Flash Memory**

1. Scroll to *Remove* in the Main Photo Menu. You can see a sub-menu showing *Current* and *All*.
2. Press **Right** button to move to the sub-menu.

3. Press **Up** or **Down** button to move a highlight *Current* in the sub-menu if you would like to remove the current displayed photo.
4. Press **Menu/Enter** button. A “Delete from Internal” dialog block appears to verify if you are sure to delete this photo file.
5. Press **Right** or **Left** button to highlight “Yes” and press **Menu/Enter** button to remove the photo file, or “No” and press **Menu/Enter** button to keep the file.

Or

3. Press **Up** or **Down** button to move the highlight to *All* in the sub-menu if you wish to remove all the photos from the internal flash memory.
4. Press **Menu/Enter** button. A “Delete from Internal” dialog block appears to verify if you are sure to delete photo file.
5. Press **Right** or **Left** button to highlight “Yes” and press **Menu/Enter** button to remove all the photo files, or “No” and press **Menu/Enter** button to keep the files.

**Note:** 1. Please be cautious. If you remove the photo files from internal memory, file(s) will be permanently deleted from the device.  
2. No file (s) can be deleted from the memory card or any of the USB device.

#### Display the Information of Photo or Firmware Version

1. Scroll highlight to *Info* in the Main Photo Menu. You can see a sub-menu with *Photo Info* and *Version* options.
2. Press **Right** button to move highlight to the sub-menu.
3. Press **Up** or **Down** button to move highlight to *Version* if you would like see the firmware version. Press **Menu/Enter** button, you will see information block showing “Wellex DPF-1040 Vx.xx” which x.xx represents the version number.

Or

3. Press **Up** or **Down** button to move highlight to the sub-menu of *Photo Info* if you wish to see the information of the currently displayed photo.
4. Press **Right** button to move highlight to another tier of sub-menu which shows *Basic*, *Camera Info*, *All*, and *Off*.

**Note:** Refer to *Figure 6*,

- *Basic* information shown on the upper-left part of the screen includes the information of photo source (e.g. Internal, SD, USB0, etc ...), slideshow mode, page number, picture number, file name, and original resolution.
- *Camera Info* information shown on the bottom-left part of the screen includes the photo information recorded by your digital camera.
- *All* information includes both *Basic* and *Camera Info* information.
- Choose *Off* option to disable the text information of the displayed photo on the screen.

5. Press **Up** or **Down** button to move and select *Basic*, *Camera Info*, *All*, or *Off*.
6. Press **Menu/Enter** button.

#### Set Slideshow Interval

1. Scroll to highlight *Interval* in the Main Photo Menu. You can see a sub-menu with *5 sec*, *10 sec*, *15 sec*, *20 sec*, *25 sec*, *30 sec*, and *60 sec*, which are the options for time interval that each photo displays in the slideshow mode.
2. Press **Right** button to move to the sub-menu.
3. Press **Up** or **Down** button to scroll up and down until the time interval you would like to set.
4. Press **Menu/Enter** button to set the slideshow interval.

#### Set Transition Effect of Slideshow

1. Scroll to *Effect* in the Main Photo Menu. You can see a sub-menu with *Random*, *None*, *Left to Right*, *Right to Left*, *Top to Bottom*, *Bottom to Top*, and *Checkered*, which presents slides transition effects, as described below, that photos appeared in slideshow mode.
  - *Random*: New photo appears in a random effect pattern, including all other effects except *none*.
  - *None*: New photo appears without any special effect.
  - *Left to Right*: New photo appears from left to right.
  - *Right to Left*: New photo appears from right to left.
  - *Top to Bottom*: New photo appears from top to bottom.
  - *Bottom to Top*: New photo appears from bottom to top.
  - *Checkered*: New photo appears like a checker board square.
2. Press **Right** button to move to the sub-menu.
3. Press **Up** or **Down** button to scroll up and down until to the desired effect of slideshow.
4. Press **Menu/Enter** button to set the transition effect of the slideshow.

#### Setup

Refer to the section **Setup** in this chapter.

#### Exit from Main Photo Menu

1. Scroll to highlight *exit* in the Main Photo Menu.
2. Press **Menu/Enter** button to exit from the Main Photo Menu.

## 4.5 Play Audio

#### Loading the Audio Contents

1. Loading your mp3 format music from your memory cards, or your USB flash drive. Please refer to the section **Loading Media Contents** in this chapter.

**Note:** Only the music in MP3 file format can be read and played.

#### Select Audio Output

1. If you would like to select the built-in speaker as your audio output, please be sure that there is no external connection on the **Audio out** with any external audio device (*figure 5*), such as external speakers or headphone sets.

2. If you would like to use external speakers or headphones, you have to plug the audio cable of those devices into the **Audio Out** of the DPF1040.

### Select Audio Mode

1. Press **Mode** button to switch current mode from Photo mode to Audio mode if you are in the Photo mode. You will see a message “Audio” shown on the bottom-right corner of the LCD screen. An Audio Information block, as shown in *Figure 7*, will appear if any MP3 file is available; otherwise a message “No Audio files available” appears to indicate that no available MP3 files were found in the inserted memory cards, USB device, or the internal flash memory.

**Note:** You can still continue to play photo even though you switch to the Audio Mode.

### Display Main Audio Menu

1. Press **Menu/Enter** button. The Main Audio Menu is shown on the left side of the screen. This menu includes:
  - *Play/Pause*
  - *Stop*
  - *Select*
  - *Play Mode*
  - *Equalizer*
  - *Save*
  - *Setup*
  - *Exit*
2. The default shows the *Play/Pause* is highlighted.
3. Press **Up** or **Down** button to scroll up or down.

### Play MP3 Music

1. Scroll to *Play/Pause* in the Main Audio Menu. Press **Menu/Enter** button, the DPF1040 will play the music with information shown in the Audio Information block, as shown in *Figure 7*, according to your or default setting (please refer to the sections of **Set Play Mode** and **Set Equalizer**).
2. You can select the next or the previous music (song) in the playlist you would like to play by pressing **Up** or **Down** button. You will see the Play Order is changed in the audio information block.

**Note:** The default playlist includes all music available in the inserted memory cards, USB device, and the internal flash memory. You can also create a playlist of the selected music to place and play your favorite songs (please refer to the section **Select MP3 Music by Song Title to create a playlist of the selected music (songs)**).

### Adjust Volume



1. You can adjust volume any time when you are playing MP3 music. Press **Volume Up** button when you would like to increase the volume of music, or press **Volume Down** button when you would like to decrease the volume of music. You can see a message shown “Volume: \*” on the top of the screen, which indicates the volume level.

**Note:** In the message “Volume: \*”, \* is from 0 to 20. The larger the number you set, the louder the audio output is. Volume: 0 is no sound output.

### **Pause MP3 Music**

1. Scroll highlight to *Play/Pause* in the Main Audio Menu. Press **Menu/Enter** button, the mp3 music currently played will be paused.

### **Stop MP3 Music**

1. Scroll highlight to *Stop* in the Main Audio Menu. Press **Menu/Enter** button, the mp3 music currently played will be stopped.

### **Select MP3 Music by File Name**

1. Scroll to highlight *Select* in the Main Audio Menu. You will see the submenu with *Card Select* and *MP3 List* options.
2. Press **Right** button to move to the sub-menu.
3. Press **Up** or **Down** button to scroll down and highlight *Card Select*. It shows a list of available media sources, such as *Internal*, *CF*, *MS*, *MMC*, or *USBx*. (Refer to **Provide Media Contents** section).
4. Press **Right** button to move to another tier of the submenu.
5. Press **Up** or **Down** button to until the desired media source is highlighted.
6. Continuously press **Right** button and **Up** or **Down** buttons until the desired MP3 file is highlighted.
7. Press **Menu/Enter** button to select and to play the music.

### **Select MP3 Music by Song Title to create a playlist of the selected songs**

1. Scroll and highlight *Select* in the Main Audio Menu. You will see the submenu with *Card Select* and *MP3* options.
2. Press **Right** button to move highlight to the sub-menu.
3. Press **Up** or **Down** button to highlight *MP3 List*. *MP3 List* displays all MP3 music files by their song titles. If the song title is not available, a file name will be displayed.
4. Press **Right** button to move to the song title list.
5. Press **Up** or **Down** button to highlight to the desired song title, and then press **Menu/Enter** button to select and play this song. This song will be placed in the playlist of selected songs.
6. You can continuously repeat Step 1 to 5 to add more favorite songs into the playlist of selected songs.

**Note:** 1. After you create a playlist of selected songs, Only the music in this playlist will be played while in the Audio Mode. If you wish to change back to play the default playlist of all songs, please follow the section of **Select MP3 Music by File Name**.

2. The playlist of the selected songs will be deleted when you power off.

### Set Play Mode

1. Scroll to the *Play Mode* in the Main Audio Menu. You can see a sub-menu with *Repeat All*, *Repeat One*, *Shuffle*, and *Play Once* options.
  - a. *Repeat All*: play all MP3 music available repeatedly.
  - b. *Repeat One*: play the selected MP3 music repeatedly.
  - c. *Shuffle*: play all MP3 music available randomly.
  - d. *Play Once*: play the selected MP3 music once.
2. Press **Right Arrow** button to move to the sub-menu.
3. Press **Up** or **Down** button to move to the desired play mode you would like to set.
4. Press **Menu/Enter** button.

### Set Equalizer

1. Scroll to *Equalizer* in the Main Audio Menu. You can see a sub-menu with *Normal*, *Rock*, *Jazz*, *Xbass* and *Classical* options.
2. Press **Right** button to move to the sub-menu.
3. Press **Up** or **Down** button to move and highlight *Normal*, *Rock*, *Jazz*, *Xbass*, or *Classical* of the sub-menu if you would like to set equalizer to Normal, Rock, Jazz, Xbass, or Classical mode.
4. Press **Menu/Enter** button.

### Save MP3 file into Internal Flash Memory

1. Scroll to *Save* in the Main Audio Menu.
2. Press **Menu/Enter** button. The currently played MP3 music will be copied into internal flash memory. You will see a block showing the status of copying (in percentage). When the process is done, another block will show “File Copied Completed”. If you are saving a MP3 already existed in the internal flash memory, a block with the text of “The file already exists” will appear.
3. You can continue to save other music by repeating the steps described until the internal memory is full.

#### Note:

1 There are about 50 Mbytes free in the internal memory for you to store photos or MP3 music. The number of photos and songs to be stored in the internal memory depends on the file size of each photo or the length of the MP3 music.

2. It might take a few minutes to copy a mp3 file to the internal flash memory. Do not remove the source cards/USBs drives until the copying process is completely done.

### Remove MP3 from Internal Flash Memory

1. Scroll to *Remove* in the Main Audio Menu. You can see a sub-menu showing *Current* and *All*.
  - *Current*: remove the current playing MP3 music from internal flash memory.
  - *All*: remove all the MP3 files from the internal flash memory.
2. Press **Right Arrow** button to move to the submenu.

3. Press **Up** or **Down** button to move to *Current* or *All* depending on current playing song or all songs you would like to remove.
4. Press **Menu/Enter** button. A “Delete from Internal” dialog block appears to verify if you are sure you want to delete a MP3 music file.
5. Press **Right** or **Left** button to highlight “Yes” and press **Menu/Enter** button to remove the MP3 music file, or “No” and press **Menu/Enter** button to keep the file.

**Note:**

1. Please be cautious. If you removed the MP3 music files from internal memory, the file will be permanently deleted.
2. No MP3 file(s) could be removed from the external memory card or devices.

#### **Exit from Main Audio Menu**

1. Scroll the highlight to *Exit* in the Main Audio Menu.
2. Press **Menu/Enter** button to exit from Main Audio Menu.

## **4.6 Setup**

#### **Access the Setup**

1. Press **Mode** button to choose the current mode in the **Photo mode**.
2. Press **Menu/Enter** button. The Main Photo Menu is shown on the left side of the screen.
3. Scroll to highlight *Setup* in the Main Photo Menu. You can see a sub-menu with *Date*, *Time*, *Clock*, *Sleep*, *Wake Up*, *LCD Saver*, *Display*, *Default*, and *Firmware*. Press **Right** button to move to the sub-menu.

**Note:** Setup can only be accessed in the Photo mode.

#### **Set the Current Date**

1. Press **Up** or **Down** button to scroll and highlight *Date* in the Setup sub-menu. You can see *month/day/year* appear.
2. Press **Right** button to move and highlight *month*. Press **Up** or **Down** button to set to the desired month.
3. Continuously press **Right** button to move and highlight *day*. Press **Up** or **Down** button to set to the desired day.
4. Continuously press **Right** button to move and highlight *year*. Press **Up** or **Down** button to set to desired year.
5. You can leave setup mode by press **Menu/Enter** button. To perform other setup, press **Left** button several times until Setup sub-menu is highlighted.

#### **Set the Current Time**

1. Press **Up** or **Down** button to scroll and highlight *Time* in the Setup sub-menu. You can see *hour: minute: second* appeared.
2. Press **Right** button to move and highlight *hour*. Press **Up** or **Down** button to set to desired hour.
3. Continuously press **Right** button to move and highlight *minute*. Press **Up** or **Down** button to set to desired minute.

4. Continuously press **Right** button to move and highlight *second*. Press **Up** or **Down** button to set to the desired second.
5. You can leave the setup mode by press **Menu/Enter** button. To perform other setup, press **Left** button several times until the setup sub-menu is highlighted.

#### **Display Date and Time on the screen**

1. Press **Up** or **Down** button to scroll and highlight *Clock* in the Setup sub-menu. You can see lower tier of sub-menu showing *Off* and *On*.
2. Press **Right** button to move to the lower tier of sub-menu. Press **Up** or **Down** button to move and highlight *On* if you would like to display the current date and time on the screen, or to the *Off* if you would like to turn it off.
3. You can leave this setting by press **Menu/Enter** button. Or if you would like to perform other setup procedures, press **Left** button to go back to the setup sub-menu.

#### **Set Sleep and Wake Up Time**

1. Press **Up** or **Down** button to scroll and highlight *Sleep* in the Setup sub-menu. You can see *hour: minute: second* appeared.
2. Press **Right** button to move to the *hour setting*. Press **Up** or **Down** button to set to desired hour.
3. Continuously press **Right** button to move to the minute setting. Press **Up** or **Down** button to set to desired minute.
4. Continuously press **Right** button to move to the second setting. Press **Up** or **Down** button to set to desired second.
5. Press **Left** button several times until at the setup sub-menu.
6. Press **Up** or **Down** button to scroll and highlight *Wake Up* in the Setup sub-menu. You can see *hour: minute: second* appeared.
7. Press **Right** button to move and highlight the hour setting. Press **Up** or **Down** button to set to desired hour.
8. Continuously press **Right** button to move to the minute setting. Press **Up** or **Down** button to set to desired minute.
9. Continuously press **Right** button to move to the second setting. Press **Up** or **Down** button to set to desired second.
10. Once you are done, you can leave setup mode by press **Menu/Enter** button. Or if you would like to perform other setup, press **Left** button several times until the highlight is on the setup sub-menu.

#### **Enable or Disable Sleep and Wake Up Time**

1. Press **Up** or **Down** button to scroll to and highlight *LCD Saver* in the Setup sub-menu. You can see another tier of sub-menu showing *Off* and *On*.
2. Press **Right** button. Press **Up** or **Down** button to move to the *On* if you would like to enable the sleep time and wake up time function, or on the *Off* if you would like to disable the sleep time and wake up time function.
3. You can leave this setting by press **Menu/Enter** button. Or if you would like to perform other setup procedures, press **Left** button to go back to the setup sub-menu.

Note: Press any button on the control panel to wake up this device from the sleep mode.

### Adjust the LCD Backlight Brightness

1. Press **Up** or **Down** button to scroll to and highlight *Display* in the Setup sub-menu.
2. Press **Right** button to move and highlight *Backlight* on the lower tier of sub-menu. A status bar and number (from 0 to 10) shows the current brightness of the LCD backlight.
3. Press **Right** button again to move to the current *number*.
4. Press **Up** or **Down** button to set the number related to LCD backlight brightness.
  - Number 0: Darkest.
  - Number 10: Brightest.
5. You can leave the setup mode by press **Menu/Enter** button. To perform other setup procedures, press **Left** button several times until the highlight is on the setup sub-menu.

### Set the Default

1. Press **Up** or **Down** button to scroll to the *Default* in the Setup sub-menu.
2. Press **Menu/Enter** button to set the device setting to manufacture default.

### Firmware Upgrade

1. Download the latest version of the latest source file (The DPF1040.bin) from our estore website and store it into your USB flash drive. You can confirm the file size by checking the file size match between the source file and the downloaded file.
2. Connect your USB Flash drive to the Device **USB Host Slot**.
3. Scroll to *Setup* in the Main Photo Menu. You can see a sub-menu with *Date, Time, Clock, Sleep, Wake up, LCD Saver, Display, Default, and Firmware* in the bottom option.
4. Press **Right** button and **Down** button to scroll and highlight *Firmware* of the submenu.
5. Press **Menu/Enter** button. Firmware upgrade information and a message of choice of “Yes” and “No” will be shown on the screen.
6. The default of Firmware upgrade is “No”. You can use the **Left** button to select “Yes” and press the **Menu/Enter** button.
7. If you select “Yes”, a warning message will be shown on the screen to confirm the upgrading action. If you intend to continue, you can use the **Left** button to select “Yes” again and press the **Menu/Enter** button to start the firmware upgrade.
8. After the update is completed, the message “Firmware Upgrade...Percentage = 100” will display, and the system will restart automatically.

After you complete the upgrade process, you are able to utilize the full new features of this device.

#### Warning:

1. Never unplug your USB Flash Drive whenever you are in a process of upgrading the firmware. Mistakenly unplugging causes permanent damage to the system.
2. It is highly advised to consult our customer support before you go ahead and upgrade the firmware.

Note: For more product information and customer support, please visit our website at <http://estore.wellex.com/>

## 4.7 Connect to Your Computer

The DPF1040 can be used as a Memory Card Reader and Writer when you connect it to your computer.

### Connect the DPF1040 to your Computer through a USB Cable

1. Prepare a USB cable with type-A connector in one end and mini-type-B connector in the other end.
2. Connect the end with type-A connector of the cable to the USB port in your computer which must come with the USB Host Port and have the USB driver installed.
3. Connect the end with mini-type-B connector of the cable to the mini-type-B Port in the DPF1040 (*Figure 3*). You will see a message “Connect to PC” shown on the bottom right corner of the screen.
4. When the connection is complete, either the photos or the music being played will be paused. You can see two icons of “Removable Disk” are added to your computer. One represents CF memory card, if exists, which is in **Compact Flash Card Slot**, and the other represents SD, MMC, MS, or MS PRO memory card, if any exists, in **SD/MMC/MS 3-in-1 Memory Card Slot**.

### Retrieve the file from the Memory Card in the DPF1040 while working on your Computer

1. Insert CF memory card in **Compact Flash Card Slot** or SD, MMC, MS, or MS PRO memory card in **SD/MMC/MS 3-in-1 Card Slot**, if you wish to retrieve the file from any of the above memory cards, which have not been inserted yet.
2. Locate the “Removable Disk (\*)” from the root directories in your computer system. Click on “Removable Disk (\*)”, you can see all the folders and files on this memory card.

**Note:** The \* in (\*) could be any letter character which assigned by your computer, e.g. Removable Disk (E:) or Removable Disk (F:).

3. You can read the file and copy the file from any of the above memory cards to your computer as the steps you took for reading/copying files from any of the external storage disk.

### Write the file from Your Computer to Memory Card in the DPF1040

1. Insert CF memory card in **Compact Flash Card Slot** or SD, MMC, MS, or MS PRO memory card in **SD/MMC/MS 3-in-1 Memory Card Slot**.
2. Locate the “Removable Disk (\*)” in the root directories of your computer system. Click on “Removable Disk (\*)”, you will see all the folders and files stored in the memory card.

**Note:** The \* in (\*) could be any letter which assigned by your computer, e.g. Removable Disk (E:) or Removable Disk (F:).

3. You can copy the file from your computer to the memory card, as the steps you took for reading/copying files from any of the external storage disk.

**Disconnect the USB Cable between THE DPF1040 and your Computer**

- 1.** Follow the instruction of your computer to remove the USB device which represents the DPF1040 here.
- 2.** Disconnect the cable from your computer and the DPF1040. You will see a message “PC Disconnected” shown on the bottom-right corner of the LCD screen.

## 5. Safety

- Keep away this product from shaky or unstable locations. Internal components are highly delicate and fragile. Dropping from heights could cause serious damages to this product.
- Keep this product away from fire or high temperatures (higher than 45°C or 113°F).
- This product should be operated from the type of the power indicated on the user guide. Improper use of the power supply could cause malfunction of the product.
- Do not disassemble the case of this display or attempt to modify the DPF1040 in any way. Repairs should be only carried out by the manufacturer or authorized service centers.
- Keep the product away from water and wet areas.
- Never put objects of any kinds into this product through the media cards slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.
- Keep this product and its accessories out of the reach of children and animals.
- Keep in mind to minimize the sound volume before plugging headphones. Loud volume may cause serious damage to your ears (sound volume increases from 0 to 20).



## 6. Limited Warranty

Wellex Corporation warrants that this product described in this User Manual will be free from material defects in design and manufacture and will substantially conform to the published specifications under normal use for one year from your date of purchase, subject to the conditions below. This warranty is provided to the original end user purchasing from Wellex Corporation or any authorized reseller, and is not transferable. Proof of purchase must be supplied for the warranty use. This product must be used with memory cards that complied with the specifications of memory stick, memory stick pro, SmartDisk, Multimedia Card, Compact Flash cards. Use of any other products voids this warranty. Wellex Corporation is not responsible for any failure or defect caused by any third party product or component, whether authorized or not. This warranty does not apply to any third party software provided with the product and you are solely responsible for all the service and repair needed for such software. This warranty is void if any of the memory card is not used in accordance with this product instructions, or it is damaged as a result of improper installation, misuse, unauthorized repair, modification or accident.

Wellex does not warrant and shall not be responsible for any lost data or images contained in any product (including in any returned product), regardless of the cause of the loss. Wellex's products are not warranted to operate without failure. Wellex's products should not be used in life support systems or other applications where failure could threaten injury or life. This warranty gives you specific legal rights, and you may also have other rights which vary by jurisdiction.

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# 7. Trouble Shooting

## Frequent Asked Questions

- Why am I unable to turn on the device?

Answer: The device is supplied by regular DC power. You should check if the power cord is already plugged into your power outlet.

- My device crashed for some reason, how do I reset the DPF1040?

Answer: Use a sharp pointer to reset this device. Otherwise you should not touch the Reset button under normal condition.

- Why am I unable to turn off the device?

Answer: You have to press the power button for at least a few seconds to wait for the LED lights to be off.

- Why does the USB device icon not show on the screen if I connect the device to my laptop/PC?

Answer: When you connect the device to your personal computer, the device acts as a card reader rather than the host device. You should otherwise use your computer instead the device as the primary device.

For more specific trouble shooting, please contact our product support at +1 510.743.1839 or email at [PRODUCT\\_SUPPORT @wellex.com](mailto:PRODUCT_SUPPORT@wellex.com)

## 8. Product Specification

|                 |                            |  |
|-----------------|----------------------------|--|
| <b>PANEL</b>    | Size (inch)                | 10.4" TFT-LCD SVGA                         |
|                 | Display Resolution (pixel) | 800 (H) x 600 (V)                          |
|                 | Active Area (mm)           | 211.2 (H) x 158.4 (V)                      |
|                 | Screen Size (inch)         | 10.4 (Diagonal)                            |
|                 | Pixel Pitch (mm)           | 0.264 (H) x 0.264 (V)                      |
|                 | Contrast Ratio             | 400:1 (TYP)                                |
| <b>IN / OUT</b> | Viewing Angle (CR ≥ 10)    | 55/55/40/40 (L/R/U/D)                      |
|                 | USB                        | Rev 1.1 HOST & DEVICE (12Mbps/s)           |
|                 | Compact Flash Card         | CF Type I & II                             |
|                 | 3-in-1 Memory Card         | SD/MMC/MS (MS-PRO)                         |
| <b>POWER</b>    | External Audio out         | Headphone or External Speaker              |
|                 | Power Input (from Outlet)  | 120 V AC 60Hz                              |
|                 | Power Input (into Device)  | 12 V DC 500 mA (TYP)                       |
| <b>FEATURES</b> | Power Consumption          | 6 Watts (TYP)                              |
|                 | View/Play as Many as       | Support USB Flash Drive, MS, MS-PRO, SD,   |
|                 | Photos/music as Peripheral | MMC, CF Memory Cards                       |
|                 | Devices allowed            |  |
|                 | Friendly Text Based User   | Store favorite Photos & Songs to Internal  |
|                 | Interface                  | Memory                                     |
|                 | Direct Camera Connect Thru | Easy to search: Thumbnail Photos Display   |
|                 | USB Host Port              |  |
|                 | Support USB Card Reader    | Built-in internal Speakers & Audio out for |
|                 | (SmartMedia, CompactFlash) | Headphones/External Speakers               |
|                 | USB Host / Device External | Auto Slideshow with Multiple selected time |
|                 | Ports                      | Intervals                                  |
|                 | Apple iPod Compatible      |  |
|                 | Firmware upgradeable       | Photo rotating                             |
|                 | Brightness Control         | Built-in Real-time Clock                   |
| <b>OTHER</b>    | Built-in Power Management  | Single Photo Scroll                        |
|                 | Direct connect to Host PC  | Programmable LCD Backlight ON/OFF          |
|                 | when used as a card reader | Management with Programmable Sleep and     |
|                 |                            | Wake-up Timer Control                      |
|                 | Color                      | Siler/ Piano Black                         |
|                 | Warranty                   | One year                                   |
|                 | Temperature                | Operation 0°C~40°C (32°F~104°F)            |
|                 |                            | Storage -20°C~60°C (-4°F~140°F)            |
|                 | Dimensions (w x h x d)     | 12 × 7.9 × 1.5 inches                      |
|                 | Weight                     | 1.6 lb (net)                               |
|                 | Regulations                | FCC, CE                                    |